

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/813,901
				Filing Date	March 30, 2004
				First Named Inventor	Erol, Berna
				Art Unit	2176
Examiner Name	Quoc A. TRAN				
Attorney Docket Number	015358-010000US				
Sheet	1	of	21		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	AA	US-7263659 B2	08-28-2007	Hull et al.	
	AB	US-7215436 B2	05-08-2007	Hull et al.	
	AC	US-7206773 B2	04-17-2007	Erol et al.	
	AD	US-6993573 B2	01-31-2006	Hunter	
	AE	US-6865714 B1	03-08-2005	Liu et al.	
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	AG	US-6781609 B1	08-24-2004	Barker et al.	
	AH	US-6766363 B1	07-20-2004	Rothschild	
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	AJ	US-6745234 B1	06-01-2004	Philyaw et al.	
	AK	US-6732915 B1	05-11-2004	Nelson et al.	
	AL	US-6684368 B1	01-27-2004	Hull et al.	
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	AN	US-6651053 B1	11-18-2003	Rothschild	
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	AP	US-6636869 B1	10-21-2003	Reber et al.	
	AQ	US-6623528 B1	09-23-2003	Squilla et al.	
	AR	US-6608563 B2	08-19-2003	Weston et al.	
	AS	US-6596031 B1	07-22-2003	Parks	
	AT	US-6567980 B1	05-20-2003	Jain et al.	
	AU	US-6546385 B1	04-08-2003	Mao et al.	
	AV	US-6542933 B1	04-01-2003	Durst, Jr. et al.	
	AW	US-6518986 B1	02-11-2003	Mugura	
	AX	US-6505153 B1	01-07-2003	Van Thong et al.	
	AY	US-6459498 B2	10-01-2002	Miyake et al.	
	AZ	US-6434561 B1	08-13-2002	Durst, Jr. et al.	
	BA	US-6430554 B1	08-06-2002	Rothschild	
	BB	US-6421067 B1	07-16-2002	Kamen et al.	
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Q.T./

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	BE	US-6262724 B1	07-17-2001	Crow et al.	
	BF	US-6243713 B1	06-05-2001	Nelson et al.	
	BG	US-6211869 B1	04-03-2001	Loveman et al.	
	BH	US-6199048 B1	03-06-2001	Hudetz et al.	
	BI	US-6182090 B1	01-30-2001	Peairs	
	BJ	US-6160633 A	12-12-2000	Mori	
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	CJ	US-5898166 A	04-27-1999	Fukuda et al.	
	CK	US-5895476 A	04-20-1999	Orr et al.	
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	CM	US-5892536 A	04-06-1999	Logan et al.	
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	CO	US-5870770 A	02-09-1999	Wolfe	
	CP	US-5860074 A	01-12-1999	Rowe et al.	
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	CR	US-5838317 A	11-17-1998	Bolnick et al.	
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	CU	US-5809318 A	09-15-1998	Rivette et al.	
	CV	US-5790114 A	08-04-1998	Geaghan et al.	
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	CX	US-5781785 A	07-14-1998	Rowe et al.	
	CY	US-5778397 A	07-07-1998	Kupiec et al.	
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	DI	US-5680636 A	10-21-1997	Levine et al.	
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	DM	US-5596700 A	01-21-1997	Darnell et al.	
	DN	US-5583980 A	12-10-1996	Anderson	
	DO	US-5485554 A	01-16-1996	Lowitz et al.	
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	DT	US-5418948 A	05-23-1995	Turtle	
	DU	US-5404295 A	04-04-1995	Katz et al.	
	DV	US-5384703 A	01-24-1995	Withgott et al.	
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	EC	US-4823303	04-19-1989	Terasawa	
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	EH	US-2005/0041872 A1	02-24-2005	Yim et al.	
	EI	US-2004/0247298 A1	12-09-2004	Ohba	
	EJ	US-2004/0181815 A1	09-16-2004	Hull et al.	
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	EL	US-2004/0100506 A1	05-27-2004	Shiota et al.	
	EM	US-2004/0071441 A1	04-15-2004	Foreman et al.	
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	EQ	US-2004/0015524 A1	01-22-2004	Chalstrom et al.	
	ER	US-2004/0008209 A1	01-15-2004	Adams et al.	
	ES	US-2004/0006577 A1	01-08-2004	Rix	
	ET	US-2003/0156589 A1	08-21-2003	Suetsugu	
	EU	US-2003/009342 A1	01-09-2003	Haley	
	EV	US-2003/0065665 A1	04-03-2003	Kinjo	
	EW	US-2003/0052897 A1	03-20-2003	Lin	
	EX	US-2002/0056082 A1	05-09-2002	Hull et al.	
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	FH	US-2002/0047870 A1	04-25-2002	Carro	
	FI	US-2002/0036800 A1	03-28-2002	Nozaki et al.	
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	FK	US-2001/0013041 A1	08-09-2001	Beck et al.	
	FL	US-2001/0005203 A1	06-28-2001	Wiernik	

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	FM	EP	802 492	A1	10-22-1997	International Business Machines Corp.		<input type="checkbox"/>
	FN	EP	788 064	A2	08-06-1997	Mitsubishi Denki Kabushiki Kaisha		<input type="checkbox"/>
	FO	EP	788 063	A2	08-06-1997	Mitsubishi Denki Kabushiki Kaisha		<input type="checkbox"/>

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	FP	EP	762 297	A2	03-12-1997	Sun Microsystems, Inc.		<input type="checkbox"/>
	FQ	EP	737 927	A2	10-16-1996	Xerox Corporation		<input type="checkbox"/>
	FR	EP	459 174	B1	11-20-1996	International Business Machines Corp.		<input type="checkbox"/>
	FS	EP	248 403	A2	12-09-1987	Hitachi, Ltd.		<input type="checkbox"/>
	FT	EP	0 459 793	A1	12-04-1991	Xerox Corporation		<input type="checkbox"/>
	FU	GB	2 290 898	A	01-10-1996	Canon Business Machines, Inc.		<input type="checkbox"/>
	FV	GB	2 234 609	A	02-06-1991	International Business Machines Corp.		<input type="checkbox"/>
	FW	GB	2 156 118	A	10-02-1985	Canon Kabushiki Kaisha		<input type="checkbox"/>
	FX	GB	2 137 788	A	10-10-1984	Gavilan Computer Corporation		<input type="checkbox"/>
	FY	JP	8-297677	A	11-12-1996	Xerox Corporation		Abstract Only <input checked="" type="checkbox"/>
	FZ	JP	2004/021165	A	01-22-2004	Matsushita Electric Ind., Co., Ltd.		Abstract Only <input checked="" type="checkbox"/>
	GA	WO	99/50736	A1	10-07-1999	Xerox Corporation		<input type="checkbox"/>
	GB	WO	00/52596	A2	09-08-2000	Cardiff Software, Inc.		<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
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	GC	About Telus investors glossary," pages 1-7, printed on April 14, 2005, at URL: <a href="http://about.telus.com/investors/glossary.html">http://about.telus.com/investors/glossary.html</a> .	<input type="checkbox"/>
	GD	Adobe Acrobat Reader – Version 2.0 – Figures 1-10, Copyright 1987-1994, 10 pages, Adobe Systems Inc.	<input type="checkbox"/>

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	GE	Adobe Acrobat Reader – Version 3.0 – Screen Dumps, 3 Pages, 1996.	<input type="checkbox"/>	
	GF	Adobe Photoshop – Version 4.0 – User Guide, Copyright 1991-1994, and 1996, 3 pages, Adobe Systems Inc.	<input type="checkbox"/>	
	GG	“Adobe Premiere, version 6.0 – At a Glance,” Macintosh OS 9.0.4/Windows 98/2000/NT/Windows ME, Copyright 2000, 2 pages, Adobe Systems, Inc., San Jose, CA.	<input type="checkbox"/>	
	GH	Adobe Premiere 6.0 – The essential tool for professional digital video editing, Copyright 2000, 2 pages, Adobe Systems Inc, San Jose, CA.	<input type="checkbox"/>	
	GI	BALL, et al., “Software Visualization in the Large,” IEEE Computer, April 17, 1996, 28 pages, vol. 29, no. 4, IEEE.	<input type="checkbox"/>	
	GJ	BEGOLE, et al., “Flexible Collaboration Transparency,” doc. ID: ncstrl.vatech_cs/TR-98-11, 1998, 10 pages, Virginia Polytechnic Institute and State University, Blacksburg, Virginia.	<input type="checkbox"/>	
	GK	BEGOLE, et al., “Supporting Worker Independence in Collaboration Transparency,” doc. ID: ncstrl.vatech_cs/TR-98-12, 1998, 11 pages, Virginia Polytechnic Institute and State University, Blacksburg, Virginia.	<input type="checkbox"/>	
	GL	BOBICK, et al., “A State-Based Approach to the Representation and Recognition of Gesture,” IEEE Transactions on Pattern Analysis and Machine Intelligence, December 1997, pages 1325-1337, vol. 19, no. 12, IEEE.	<input type="checkbox"/>	
	GM	BOGURAEV, et al., “Salience-Based Content Characterisation of Text Documents,” INM T.J. Watson Research Center, 12 pages, 1997.	<input type="checkbox"/>	
	GN	BORECZKY, et al., “An Interactive Comic Book Presentation for Exploring Video,” CHI Letters, CHI 2000, April 1-6, 2000, pages 185-192, vol. 2, issue 1, ACM Press.	<input type="checkbox"/>	

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				First Named Inventor	Erol, Berna
				Art Unit	2176
				Examiner Name	Quoc A. TRAN
Sheet	8	of	21	Attorney Docket Number	015358-010000US

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	GO	BOYKIN, et al., "Machine learning of Event Segmentation for News on Demand," Communications of the ACM, February 2000, pages 35-41, vol. 43, no. 2.	<input type="checkbox"/>	
	GP	BOYKIN, et al., "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99, Copyright 1999, 6 pages.	<input type="checkbox"/>	
	GQ	BRANDOW, et al., "Automatic Condensation of Electronic Publications by Sentence Selection," Information Processing & Management, Copyright 1995, pages 675-685, vol. 31, no. 5, Pergamon.	<input type="checkbox"/>	
	GR	BROTHERTON, et al., "Automated Capture, Integration, and Visualization of Multiple Media Streams," Proceedings of IEEE Multimedia '98, 1998, 12 pages.	<input type="checkbox"/>	
	GS	BROWN, et al., "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia '95 – Electronic Proceedings, San Francisco, CA, November 5-9, 1995, printed on April 26, 2002, 20 pages, at URL: <a href="http://svr-www.eng.cam.ac.uk/research/projects/vmr/mm95.html">http://svr-www.eng.cam.ac.uk/research/projects/vmr/mm95.html</a> .	<input type="checkbox"/>	
	GT	BYRD, "A Scrollbar-based Visualization for Document Navigation," doc. ID: xxx.cs.IR/9902028, Computing Research Repository: Information Retrieval, Copyright 1999, pages 122-129, ACM Press.	<input type="checkbox"/>	
	GU	CHEN, et al., "Emotion Recognition From Audiovisual Information," Proceedings IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, Copyright 1998, pages 83-88.	<input type="checkbox"/>	
	GV	CHEN, et al., "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems, Boston, MA, September 20-22, 1999, pages 148-164.	<input type="checkbox"/>	
	GW	CHIU, et al., "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia '99 Orlando, FL, October 1999, pages 149-158, ACM.	<input type="checkbox"/>	
	GX	CHIU, et al., "Automatically linking multimedia meeting documents by image matching," Proceedings of Hypertext '00, New York, N.Y., 2000, pages 244-245, ACM.	<input type="checkbox"/>	

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	GY	CHIU, et al., "Room with a Rear View – Meeting Capture in a Multimedia Conference Room," IEEE Multimedia Magazine, Copyright 2000, pages 48-54, vol. 7, no. 4, IEEE.	<input type="checkbox"/>	
	GZ	CHOI, et al., "An Integrated Data Model and a Query Language for Content-Based Retrieval of Video," MIS '98 LNCS 1508, Copyright 1998, pages 192-198, Copyright Springer Verlag Berlin Heidelberg.	<input type="checkbox"/>	
	HA	CHRISTEL, et al., "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems, Los Angeles, CA, April 1998, pages 171-178.	<input type="checkbox"/>	
	HB	CHRISTEL, et al., "Information Visualization within a Digital Video Library," Journal of Intelligent Information Systems, Copyright 1998, 25 pages.	<input type="checkbox"/>	
	HC	"Computer Terms," printed on April 14, 2005, pages 1-8, at URL: <a href="http://www.park-meadow.org/computer_terms.htm">http://www.park-meadow.org/computer_terms.htm</a> .	<input type="checkbox"/>	
	HD	DELLAERT, et al., "Recognizing emotion in speech," Proceedings ICSLP '96, Fourth International Conference on Spoken Language Processing New York, N.Y. Copyright 1996, pages 1970-1973, IEEE.	<input type="checkbox"/>	
	HE	DIMITROVA, et al., "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997, Las Vegas, NV, Copyright 1997, pages 113-120, ACM.	<input type="checkbox"/>	
	HF	DOERMANN, et al., "Applying Algebraic and differential invariants for logo recognition," Machine Vision and Applications, Copyright 1996, pages 73-86, vol. 9, Springer-Verlag.	<input type="checkbox"/>	
	HG	DONATO, et al., "Classifying Facial Actions", IEEE Transactions on Pattern Analysis and Machine Intelligence, October 1999, pages 974-989, vol. 21, no. 10, IEEE.	<input type="checkbox"/>	
	HH	DRUCKER, et al., "SmartSkip: Consumer Level Browsing and Skipping of Digital Video Content," Paper: Technology to Help People Find Information, April 20-25, 2002, pages 219-226, vol. 4, issue no. 1, Minneapolis, MN.	<input type="checkbox"/>	

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	HI	ESSA, et al., "Coding Analysis Interpretation and Recognition of Facial Expressions," IEEE Transactions on Pattern Analysis and Machine Intelligence, July 1997, pages 1-8, vol. 19, no. 7, IEEE.	<input type="checkbox"/>	
	HJ	Face recognition techniques described at web site <a href="http://www.visionics.com">http://www.visionics.com</a> . Frequently Asked Technical Questions, Visionics Corporation, 2002, 36 pages.	<input type="checkbox"/>	
	HK	"Flexible JAMM – Java Applets Made Multituser," Screenshots, printed on December 6, 2002, 4 pages, at URL: <a href="http://simon.cs.vt.edu">http://simon.cs.vt.edu</a> .	<input type="checkbox"/>	
	HL	FOOTE, et al., "An Intelligent Media Browser using Automatic Multimodal Analysis," ACM Multimedia 8, Bristol, UK, Copyright 1998, 6 pages.	<input type="checkbox"/>	
	HM	FRANKLIN, et al., "Jabberwocky: you don't have to be a rocket scientist to change slides for a hydrogen combustion lecture," Intelligent User Interfaces, 2000, pages 98-105.	<input type="checkbox"/>	
	HN	"Fujitsu Markets Facsimile Connection System for Computer I/O," Comline Telecommunications, November 8, 1989, Copyright 1999, page 5, The Gale Group.	<input type="checkbox"/>	
	HO	FURUI, et al., "Japanese Broadcast News Transcription and Information Extraction," Communications of the ACM, February 2000, pages 71-73, vol. 43, no. 2, ACM.	<input type="checkbox"/>	
	HP	GAUVAIN, et al., "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, February 2000, pages 64-70, vol. 43, no. 2, ACM.	<input type="checkbox"/>	
	HQ	GIBBON, "Generating Hypermedia Documents from Transcriptions of Television Programs Using Parallel Text Alignment," Handbook of Internet and Multimedia Systems and Applications, David C. Gibbon; Copyright 1998, 8 pages, CRC Press.	<input type="checkbox"/>	
	HR	GLIEDMAN, "Virtual Office Managers," Computer Shopper, Copyright 1998, 5 pages, The Gale Group.	<input type="checkbox"/>	

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	HS	"Glossary for computer hardware and micro scope," printed on April 14, 2005, 11 pages, at URL: <a href="http://www.mumbaicyber.com/glossary_com_hardware_micro.asp">http://www.mumbaicyber.com/glossary_com_hardware_micro.asp</a> .	<input type="checkbox"/>	
	HT	"Glossary: What Does It Mean?," printed on April 14, 2005, 3 pages, at URL: <a href="http://www.fairfield.k12.ct.us/fairfieldhs/cfairfieldhs03/glossary.htm">http://www.fairfield.k12.ct.us/fairfieldhs/cfairfieldhs03/glossary.htm</a> .	<input type="checkbox"/>	
	HU	GORDON, "Using Annotated Video as an Information Retrieval Interface," IUI 2000 New Orleans, Copyright 2000, pages 133-140, ACM.	<input type="checkbox"/>	
	HV	GREENBERG, et al., "Awareness Through Fisheye Views in Relaxed-WYSIWIS Groupware," GroupLab The University of Calgary, printed on November 9, 2000, 14 pages, at URL: <a href="http://www.cpsc.ucalgary.ca/grouplab/papers/1996/96-Fisheye.GI/gi96_fisheye.html">http://www.cpsc.ucalgary.ca/grouplab/papers/1996/96-Fisheye.GI/gi96_fisheye.html</a> .	<input type="checkbox"/>	
	HW	GRUNIN, "Action!," PC Magazine, 1993, 5 pages, vol. 12, no. 15, The Gale Group.	<input type="checkbox"/>	
	HX	"Hang on--Blue Sky's WinHelp is on the way," PC Week, July 17, 1995, page 59, The Gale Group.	<input type="checkbox"/>	
	HY	HAUPTMAN, et al., "Story Segmentation and Detection of Commercials in Broadcast News Video," ADL-98 Advances in Digital Libraries Conference, Santa Barbara, CA, April 22-24, 1998, 12 pages.	<input type="checkbox"/>	
	HZ	HAUPTMANN, et al., "Text, Speech, and Vision for Video Segmentation: The Informedia™ Project," Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, Nov. 10-12, 1995, 6 pages.	<input type="checkbox"/>	
	IA	HE, et al., "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," CHI 2000 The Hague, Amsterdam, April 1-6, 2000, pages 177-184, vol. 2, issue 1, ACM.	<input type="checkbox"/>	
	IB	HEARST, "TileBars: Visualization of Term Distribution Information in Full Text Information Access," Proceedings of CHI '95, Denver, CO, May 1995, pages 1-8.	<input type="checkbox"/>	

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	IC	HECHT, "Embedded Data Glyh Technology for Hardcopy Digital Documents," SPIE Proceeding, May 9, 1994, pages 341-352, vol. 2171.	<input type="checkbox"/>	
	ID	HECHT, "Printed Embedded Data Graphical User Interfaces," IEEE, March 2001, pages 47-55, vol. 34, no. 3, IEEE.	<input type="checkbox"/>	
	IE	HILL, et al., "Edit Wear and Read Wear," CHI '92, May 3-7, 1992, pages 3-9, ACM.	<input type="checkbox"/>	
	IF	HU, et al., "Multimedia Description Framework (MDF) for Content Description of Audio/Video Documents," DL 99, Berkely, CA, Copyright 1999, pages 67-75, ACM.	<input type="checkbox"/>	
	IG	"IBM, Partners Team On Web-Based Image Search," Newsbytes News Network, September 29, 1995, 4 pages, The Gale Group.	<input type="checkbox"/>	
	IH	IDENTITECH, "Identitech announces FYI 2.5.2 release with NT object server, SmartForm, and ODBC," Business Editors, July 8, 1996, 5 pages, Business Wire.	<input type="checkbox"/>	
	II	"IDENTITECH UNYSIS: Unysis wins Florida Housing Finance Agency Contract, Identitech provides workflow software solution," Business Editors/Computer Writers, Copyright 1999, 4 pages, Business Wire.	<input type="checkbox"/>	
	IJ	IOFFE, et al., "Finding people by sampling," Proceedings of the International Conference on Computer Vision, Copyright 1999, 6 pages, vol. 2, IEEE.	<input type="checkbox"/>	
	IK	"IT&T Talk," printed on April 14, 2005, pages 1-4, at URL: <a href="http://www.iib.qld.gov.au/itcareers/talk.asp">http://www.iib.qld.gov.au/itcareers/talk.asp</a> .	<input type="checkbox"/>	
	IL	JANG, et al., "Improving Acoustic Models with Captioned Multimedia Speech," Copyright 1999, pages 767-771, IEEE.	<input type="checkbox"/>	

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	IM	JIN, et al., "Topic Tracking for Radio, TV Broadcast, and Newswire," printed on April 4, 2002, 9 pages, at URL: <a href="http://www.nist.gov/speech/publications/darpa99/html/tdt330/tdt330.html">http://www.nist.gov/speech/publications/darpa99/html/tdt330/tdt330.html</a> .	<input type="checkbox"/>	
	IN	KOMLODI, et al., "Key frame preview technique for video browsing," Digital Libraries '98, Pittsburgh, PA, Copyright 1998, pages 118-125, ACM.	<input type="checkbox"/>	
	IO	LAM, et al., "Automatic document classification based on probabilistic reasoning: model and performance analysis," Copyright 1997, 6 pages, vol. 3, IEEE.	<input type="checkbox"/>	
	IP	LANGLEY, et al., "An Analysis of Bayesian Classifiers," Proceedings of the Tenth National Conference on Artificial Intelligence, Copyright 1992, 6 pages, AAAI Press, San Jose, CA.	<input type="checkbox"/>	
	IQ	LANGLEY, et al., "Induction of Selective Bayesian Classifiers," Proceedings of the Tenth Conference on Uncertainty in Artificial Intelligence, Copyright 1994, 8 pages, Morgan Kaufmann, Seattle, WA.	<input type="checkbox"/>	
	IR	LEE, et al., "Portable Meeting Recorder," ACM Multimedia 2002, Juan Les Pins, France, December 1-6, 2002, 10 pages.	<input type="checkbox"/>	
	IS	LI, et al., "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Proceedings, January 2000, pages 147-156, vol. 9, no. 1, IEEE.	<input type="checkbox"/>	
	IT	LI, et al., "Text Extraction and Recognition in Digital Video," Proceedings of Third IAPR Workshop on Document Analysis Systems, Copyright 1998, pages 119-128.	<input type="checkbox"/>	
	IU	LI, et al., "VISION: A Digital Video Library," International Conference on Digital Libraries, Proceedings of the First ACM International Conference on Digital Libraries, Bethesda, Maryland, Copyright 1996, pages 19-27, ACM, New York, N.Y.	<input type="checkbox"/>	
	IV	LIANG, et al., "A Practical Video Indexing and Retrieval System," Exploiting New Image Sources and Sensors, 26 <sup>th</sup> AIPR Workshop, Proceedings of SPIE, Washington, D.C., October 15-17, 1997, pages 294-303, vol. 3240.	<input type="checkbox"/>	

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	IX	LIENHART, et al., "On the Detection and Recognition of Television Commercials," Proceedings IEEE Conference on Multimedia Computing and Systems, Ottawa, Canada, June 1997, 13 pages, IEEE.	<input type="checkbox"/>		
	IY	LISON et al., "Sight and Sound," Unix Review, 1989, 8 pages, vol. 7, no. 10	<input type="checkbox"/>		
	IZ	MA, et al., "An Indexing and Browsing System For Home Video," Invited paper, EUSIPCO '2000, 10th European Signal Processing Conference, Tampere, Finland, September 5-8, 2000, 6 pages.	<input type="checkbox"/>		
	JA	Macintosh Reference, System 7 Reference – Getting Help, Copyright 1991, pages 30-31, Apple Computer, Inc., Cupertino, CA.	<input type="checkbox"/>		
	JB	MANBER, "The Use of Customized Emphasis in Text Visualization," Preliminary Version, Proceedings 1997 IEEE Conference on Information Visualization – An International Conference on Computer Visualization & Graphics, London, England, August 27-29, 1997, pages 132-138, IEEE.	<input type="checkbox"/>		
	JC	MAYBURY, "News on Demand," Communication of the ACM, February 2000, pages 33-34, vol. 43, no. 4, ACM.	<input type="checkbox"/>		
	JD	MAYBURY, et al., "Multimedia Summaries of Broadcast News," Intelligent Information Systems 1997, printed on April 4, 2002, 12 pages, at URL: <a href="http://www.mitre.org/resources/centers/it/g061/bnn/mmiiis97.html">http://www.mitre.org/resources/centers/it/g061/bnn/mmiiis97.html</a> .	<input type="checkbox"/>		
	JE	MAYBURY, et al., "Segmentation, Content Extraction and Visualization of Broadcast News Video using Multistream Analysis," AAAI paper, 1997 printed on April 4, 2001, 11 pages, at URL: <a href="http://www.mitre.org/resources/centers/it/g061/bnn/mmaaii97.html">http://www.mitre.org/resources/centers/it/g061/bnn/mmaaii97.html</a> .	<input type="checkbox"/>		
	JF	MERIALDO, et al., "Automatic Construction of Personalized TV News Programs," Copyright 1999, 19 pages, ACM.	<input type="checkbox"/>		
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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				Application Number	10/813,901
				Filing Date	March 30, 2004
				First Named Inventor	Erol, Berna
				Art Unit	2176
				Examiner Name	Quoc A. TRAN
Sheet	15	of	21	Attorney Docket Number	015358-010000US

NON PATENT LITERATURE DOCUMENTS				
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	JG	MERLINO, et al., "Broadcast News Navigation using Story Segmentation," printed on April 26, 2002, 22 pages, at URL: <a href="http://www.mitre.org/technology/multimedia/mmamcm97.html">http://www.mitre.org/technology/multimedia/mmamcm97.html</a> .	<input type="checkbox"/>	
	JH	MERLINO, et al., "Broadcast News Processing Techniques – Method and Evaluation," April 1999, printed on April 4, 2002, 28 pages, at URL: <a href="http://www.mitre.org/resources/centers/it/g061/bnn/broadcastnewsprocessing/broadcastnewspr...">http://www.mitre.org/resources/centers/it/g061/bnn/broadcastnewsprocessing/broadcastnewspr...</a>	<input type="checkbox"/>	
	JI	MOHAN, "Text-based search of TV news stories," Multimedia Storage and Archiving Systems, Proceedings SPIE – The International Society for Optical Engineering, November 18-19, 1996, Boston, MA, pages 1-13, vol. 2916.	<input type="checkbox"/>	
	JJ	MUKHOPADHYAY, et al., "Passive Capture and Structuring of Lectures," ACM Multimedia, Orlando, FL, October 1999, pages 477-487, ACM.	<input type="checkbox"/>	
	JK	MULLER, et al., "The 'Authoring of the Fly' system for Automated Recording and Replay of (Tele)presentations," ACM/Springer Multimedia Systems Journal, 2000, 1 page, vol. 8, no. 3.	<input type="checkbox"/>	
	JL	"Multimedia," Wikipedia, printed on April 14, 2005, pages 1-2, at URL: <a href="http://en.wikipedia.org/wiki/Multimedia">http://en.wikipedia.org/wiki/Multimedia</a> .	<input type="checkbox"/>	
	JM	Multi-University Research Laboratory - webpage, printed on February, 18, 2004, 2 pages, at URL: <a href="http://murl.microsoft.com">http://murl.microsoft.com</a> .	<input type="checkbox"/>	
	JN	MYERS, et al., "A Multi-View Intelligent Editor for Digital Video Libraries," JCDL '01, June 24-28, 2001, Roanoke, Virginia, Copyright 2001, 10 pages, ACM.	<input type="checkbox"/>	
	JO	OH, et al., "Efficient and Cost-effective Techniques for Browsing and Indexing Large Video Databases," MOD 2000, Dallas, TX, 2000, pages 415-426, ACM.	<input type="checkbox"/>	
	JP	OHMORI, "A Tool for Programmable Access to Organized Multimedia Data - Enhanced MultiMedia Recorder (EMMR)," Third Asian Pacific Computer and Human Interaction 1998, 4 pages.	<input type="checkbox"/>	

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	JQ	OKADA et al., "Development of Application Programs for Distributed Processing Equipment," Review of the Electrical Communication Laboratories, Copyright 1986, pages 465-471, vol. 34, no. 4, The Research and Development Headquarters.	<input type="checkbox"/>	
	JR	"Olivetti – Video Mail Retrieval Using Voice," printed on April 4, 2002, 7 pages, at URL: <a href="http://svr-www.eng.cam.ac.uk/research/Projects/vmr/...">http://svr-www.eng.cam.ac.uk/research/Projects/vmr/...</a>	<input type="checkbox"/>	
	JS	OTSU, "A threshold selection method from gray-level histograms," IEEE Transactions on Systems, Man and Cybernetics, Copyright 1978, pages 62-66.	<input type="checkbox"/>	
	JT	PHILLIPS, "MediaView: A General Multimedia Digital Publication System," Communications of the ACM, July 1991, pages 75-83, vol. 34, no. 7, ACM.	<input type="checkbox"/>	
	JU	PIMENTEL, et al., "Linking by Interacting: a Paradigm for Authoring Hypertext," Proceedings of ACM Hypertext '2000, May 2000, 10 pages.	<input type="checkbox"/>	
	JV	Product Brochure, Shutterfly, printed on March 15, 2005, 10 pages, at URL: <a href="http://www.shutterfly.com">http://www.shutterfly.com</a> .	<input type="checkbox"/>	
	JW	Product Brochure, YesVideo, printed on March 15, 2005, 20 pages, at URL: <a href="http://www.yesvideo.com/code">http://www.yesvideo.com/code</a> .	<input type="checkbox"/>	
	JX	"Quick Selection of Window Environment Coordinates," IBM Technical Disclosure Bulletin, 1992, 4 pages, International Business Machines Corporation, Armonk, N.Y.	<input type="checkbox"/>	
	JY	ROSCELLE, et al., "VideoNoter: A productivity tool for video data analysis," Behavior Research Methods, Instruments & Computers, 1991, pages 219-224, vol. 2, no. 2, Psychonomic Society, Inc.	<input type="checkbox"/>	
	JZ	ROWLEY, et al., "Neural Network-Based Face Detection," IEEE Transactions on Pattern Analysis and Machine Intelligence, January 1998, pages 23-38, vol. 20, no. 1, IEEE.	<input type="checkbox"/>	

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	KA	SAUR, et al., "Automated Analysis and Annotation of Basketball Video," SPIE, 1997, pages 176-187, vol. 3022.	<input type="checkbox"/>		
	KB	Scansoft Capture Development System - webpage, printed on February 18, 2004, 1 page, at URL: <a href="http://www.scansoft.com">http://www.scansoft.com</a> .	<input type="checkbox"/>		
	KC	SCHWEIGHOFER, et al., "The Automatic Generation of Hypertext Links in Legal Documents," Wagner, Lecture Notes in Computer Science – Database and Expert Systems Applications, 7 <sup>th</sup> International Conference, DEXA '96, Zurich, Switzerland, September 1996, pages 889-898, Springer.	<input type="checkbox"/>		
	KD	Screen Shots of document created in Corel WordPerfect, April 30, 2002, 4 pages.	<input type="checkbox"/>		
	KE	SHAHRRARAY, et al., "Automated Authoring of Hypermedia Documents of Video Programs," ACM Multimedia '95 – Electronic Proceedings, San Francisco, CA, November 5-9, 1995, 12 pages.	<input type="checkbox"/>		
	KF	SHAHRRARAY, et al., "Automatic generation of pictorial transcripts of video programs," Multimedia Computing and Networking 1995, Proceedings SPIE, February 6-8, 1995, pages 512-518, vol. 2417.	<input type="checkbox"/>		
	KG	SHAHRRARAY, et al., "Pictorial Transcripts: Multimedia Processing Applied to Digital Library Creation," 1997 IEEE First Workshop on Multimedia Signal Processing, 1997, pages 581-586.	<input type="checkbox"/>		
	KH	SMITH, et al., "Video Skimming and Characterization through the Combination of Image and Language Understanding Techniques," IEEE Computer Vision and Pattern Recognition (CVPR), San Juan, PR, 1997, 7 pages, IEEE.	<input type="checkbox"/>		
	KI	SODERGARD, et al., "Integrated multimedia publishing - combining TV and newspaper content on personal channels," printed on April 4, 2002, pages 1-22, at URL: <a href="http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html">http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html</a> .	<input type="checkbox"/>		
	KJ	SONMEZ, et al., "Multiple Speaker Tracking and Detection: Handset Normalization and Duration Scoring," Digital Signal Processing 10, Copyright 2000, pages 133-142, Academic Press.	<input type="checkbox"/>		
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	KK	"Spry Inc.'s Internet Front End Picked For PSI Cable Internet Service," Information & Interactive Services Report, April 8, 1994, 3 pages, The Gale Group.	<input type="checkbox"/>		
	KL	STIFELMAN, "The Audio Notebook: Paper and Pen Interaction with Structured Speech," Ph.D. Thesis, Massachusetts Institute of Technology, September 1997, 151 pages.	<input type="checkbox"/>		
	KM	STIFELMAN, et al., "The Audio Notebook," CHI 2001, March 31 – April 5, 2001, pages 182-189, vol. 3, issue 1.	<input type="checkbox"/>		
	KN	STRATTNER, "HP pioneers I-TV peripheral market," Computer Shopper, February 1994, 2 pages, vol.14, no. 2, The Gale Group.	<input type="checkbox"/>		
	KO	SUDA, et al., "Logo and Word Matching Using a General Approach to Signal Registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, pages 61-65.	<input type="checkbox"/>		
	KP	SUMITA, et al., "Document Structure Extraction for Interactive Document Retrieval Systems," Proceedings SIGDOC '93 The 11 <sup>th</sup> Annual International Conference, Kitchener, Ontario, October 5-8, 1993, pages 301-310, ACM.	<input type="checkbox"/>		
	KQ	TAGHVA, et al., "An Evaluation of an Automatic Markup System," SPIE, 1995, pages 317-327, vol. 2422.	<input type="checkbox"/>		
	KR	TAXT, et al., "Segmentation of Document Images," IEEE Transactions of Pattern Analysis and Machine Intelligence, December 1989, pages 1322-1329, vol. 11, no. 12, IEEE.	<input type="checkbox"/>		
	KS	"TELEform V7 - Digitale Beleglesung, Automatische Datenerfassung aus Formularen," Form-Solutions, printed on February 10, 2005, 5 pages, at URL: <a href="http://www.form-solutions.net/dl/Teleform.pdf">http://www.form-solutions.net/dl/Teleform.pdf</a> .	<input type="checkbox"/>		
	KT	TENNENHOUSE, et al., "A Software-Oriented Approach to the Design of Media Processing Environments," Proceedings of the International Conference on Multimedia Computing and Systems, Boston, MA, May 14-19, 1994, pages 435-444, IEEE.	<input type="checkbox"/>		
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	KU	TONOMURA, et al., "VideoMAP and VideoSpaceIcon: Tools for Anatomizing Video Content," INTERCHI '93, April 24-29, 1993, 8 pages.	<input type="checkbox"/>		
	KV	Transym Optical Character Recognition engine, Copyright 2003, 1 page, at URL: <a href="http://www.transym.com/">http://www.transym.com/</a> , Transym Computer Services Ltd.	<input type="checkbox"/>		
	KW	TRIER, et al., "Goal-Directed Evaluation of Binarization Methods," IEEE Transactions on Pattern Analysis and Machine Intelligence, Copyright 1995, pages 47-58, IEEE.	<input type="checkbox"/>		
	KX	UCHIHASHI, et al., "Summarizing Video Using A Shot Importance Measure and A Frame-Packing Algorithm," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing, Phoenix, AZ, 1999, 4 pages.	<input type="checkbox"/>		
	KY	UCHIHASHI, et al., "Video Manga: Generating Semantically Meaningful Video Summaries," ACM Multimedia '99, Orlando, FL, October 30-November 5, 1999, 10 pages.	<input type="checkbox"/>		
	KZ	VAN HORN-CHRISTOPHER, "Have you talked to your computer today?," Business Forum, 1994, vol. 19, no. 3, 4, 7 pages, ProQuest Info&Learning.	<input type="checkbox"/>		
	LA	Video content management and publishing software from Virage, printed on April 26, 2002, Copyright 2002, 3 pages, at URL: <a href="http://www.virage.com">http://www.virage.com</a> .	<input type="checkbox"/>		
	LB	"VNR firm offers Storyboards," ProQuest PR News, December 4, 1995, printed on August 9, 2004, 2 pages, at URL: <a href="http://proquest.umi.com/pqdlink?index=20&amp;did=000000010830394&amp;SrchMode=3&amp;sid=1&amp;F">http://proquest.umi.com/pqdlink?index=20&amp;did=000000010830394&amp;SrchMode=3&amp;sid=1&amp;F</a> .	<input type="checkbox"/>		
	LC	WACTLAR, et al., "Complementary Video and Audio Analysis for Broadcast News Archives – Increasing the Usefulness of Extracted Information," Communications of the ACM, February 2000, pages 42-47, ACM.	<input type="checkbox"/>		
	LD	WAIBEL, et al., "Advances in automatic meeting record creation and access," Proceedings of ICASSP, Seattle, WA, May 7-11, 2001, 4 pages.	<input type="checkbox"/>		
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	LE	"W3C issues first public draft of Synchronized Multimedia Integration Language (SMIL)," Information Today, February 1998, pages 2 pages, vol. 15, issue 15.	<input type="checkbox"/>	
	LF	Web pages from PaperClick.com, printed on June 14, 2006, 10 pages, at URL: <a href="http://www.paperclip.com">http://www.paperclip.com</a> .	<input type="checkbox"/>	
	LG	WebEx Presentation Studio – Brilliant multimedia presentation with on-demand viewing, Copyright 2004, 2 pages, at URL: <a href="http://www.presenter.com">http://www.presenter.com</a> .	<input type="checkbox"/>	
	LH	WEISS, et al., "Composition and Search with a Video Algebra," IEEE Multimedia, Copyright 1995, pages 12-25, IEEE.	<input type="checkbox"/>	
	LI	WITTENBURG, et al., "Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of IEEE International Conference on Multimedia Computing and Systems, Florence, Italy, June 7-11, 1999, 6 pages.	<input type="checkbox"/>	
	LJ	WON, et al., "Efficient Use of MPEG-7 Edge Histogram Descriptor," ETRI Journal, February 2002, pages 23-30, vol. 24, no. 1.	<input type="checkbox"/>	
	LK	"Xerox Office Software Suite FlowPort Version 2.1.1," Capture and Distribution, printed on February 10, 2005, 4 pages, at URL: <a href="http://www.xrce.xerox.com/showroom/pdf/flowport.pdf">http://www.xrce.xerox.com/showroom/pdf/flowport.pdf</a> .	<input type="checkbox"/>	
	LL	ZHANG, et al., "Detection of Text Captions in Compressed Domain Video," ACM Multimedia Workshop, Marina Del Rey, CA, Copyright 2000, pages 201-204, ACM.	<input type="checkbox"/>	
	65_A	Non-Final Office Action for U.S. Patent Application No. 10/001,895, mailed on July 8, 2004, 24 pages. (Copy available via PAIR)	<input type="checkbox"/>	
	65_B	Notice of Allowance for U.S. Patent Application No. 10/001,895, mailed on May 19, 2005, 9 pages. (Copy available via PAIR)	<input type="checkbox"/>	

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	65_C	Non-Final Office Action for U.S. Patent Application No. 10/001,895, mailed on August 3, 2005, 15 pages. (Copy available via PAIR)	<input type="checkbox"/>
	65_D	Final Office Action for U.S. Patent Application No. 10/001,895, mailed on March 22, 2006, 16 pages. (Copy available via PAIR)	<input type="checkbox"/>
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